

## IEEE Search

1. (peters <in> au) <and> speech
2. (maximum entropy) <and> (iterative <near/2> scaling)
3. (maximum <near/2> entropy) <and> (iterative <near/2> scaling)
4. (generalized <near/2> iterative <near/2> scaling)
5. (maximum <near/2> entropy) <and> (free <near/2> parameters)
6. 'maximum entropy' <and> training
7. ((maximum-entropy <or> (maximum <near/1> entropy)) <and> orthogonalized
8. ((maximum-entropy <or> (maximum <near/1> entropy)) <and> orthogonal

	Type	Hits	Search Text
1	IS&R	2	("6157912").PN.
2	BRS	75	"704"/\$.ccls. and (maximum adj entropy)
3	BRS	14	"704"/\$.ccls. and (maximum adj entropy) and (iterative adj scaling)
4	BRS	12	"704"/\$.ccls. and (generalized adj iterative adj scaling)
5	BRS	1	"704"/\$.ccls. and ((cyclical acyclical) adj variant)
6	BRS	48	"704"/\$.ccls. and (free adj parameter)
7	BRS	63	"704"/\$.ccls. and (maximum adj entropy) and train\$3
8	BRS	17	"704"/\$.ccls. and (maximum adj entropy) and train\$3.ab.
9	BRS	1	"704"/\$.ccls. and (maximum adj entropy) and boundry
10	IS&R	2	("20020161574").PN.

	DBs	Time Stamp	Co mm en ts	Er ro r De fi ni ti on	Er ro rs	Re f #
1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/02/11 11:03				S2
2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/02/14 14:12				S3
3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/02/11 11:18				S4
4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/02/14 14:14				S5
5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/02/11 11:23				S6
6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/02/11 11:44				S7
7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/02/11 14:35				S8
8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/02/11 14:35				S9
9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/02/14 09:21				S1 0
10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/02/14 12:18				S1 1

	Type	Hits	Search Text
11	BRS	60	"704"/\$.ccls. and (maximum adj entropy) and (subset (sub adj model vocabulary group) subgroup cluster)
12	BRS	71	"704"/\$.ccls. and ((generalized adj iterative adj scaling) GIS) and (subset (sub adj model vocabulary group) subgroup cluster)
13	BRS	7	"704"/\$.ccls. and ((generalized adj iterative adj scaling)) and (subset (sub adj (model vocabulary group)) subgroup cluster)

	DBs	Time Stamp	Co mm en ts	Er ro r De fi ni ti on	Er ro rs	Re f #
11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/02/14 14:13				S1 2
12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/02/14 14:14				S1 3
13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/02/14 14:15				S1 5

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 File 587:Jane`s Defense&Aerospace 2005/Jan W5  
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Set	Items	Description
S1	20626	MAXIMUM()ENTROP??? OR MAX()ENTROP??? OR ENTROP??? OR MESM
S2	1397329	SPEECH?? OR SPEECH??()MODEL??
S3	79567	GENERALI?E??()ITERATIVE()SCAL??? OR GENERALI?E??()SCAL??? OR ITERATIVE()SCAL??? OR GIS OR ITERATIVE() (VALUE?? OR PARAME- TER??) OR TRAIN???()ALGORITHM??
S4	534319	SUBMODEL?? OR SUB()MODEL?? OR SUB()GROUP?? OR SUBGROUP?? OR CLUSTER??
S5	682638	BOUNDAR??? OR ORTHOGONAL?()BOUNDAR??? OR BOUNDAR???()VALUE- ?? OR INTERAT???()BOUNDAR???
S6	5047	AU=(PETERS, J? OR PETERS J?)
S7	2	S1 AND S6
S8	0	S7 AND S2
S9	0	S1(S)S2(S)S3(S)S4(S)S5
S10	0	S1(S)S2(S)S3(S)S4
S11	0	S1(S)S2(S)S3
S12	1	S1(S)S2(S)S4
S13	0	S1(S)S2(S)S5

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File 2:INSPEC 1969-2005/Feb W1  
(c) 2005 Institution of Electrical Engineers

File 6:NTIS 1964-2005/Feb W1  
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File 94:JICST-EPlus 1985-2005/Jan W1  
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File 95:TEME-Technology & Management 1989-2005/Jan W2  
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File 483:Newspaper Abs Daily 1986-2005/Feb 16  
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Set	Items	Description
S1	188316	MAXIMUM()ENTROP??? OR MAX()ENTROP??? OR ENTROP??? OR MESM
S2	325562	SPEECH?? OR SPEECH??()MODEL??
S3	62148	GENERALI?E??()ITERATIVE()SCAL??? OR GENERALI?E??()SCAL??? OR ITERATIVE()SCAL??? OR GIS OR ITERATIVE() (VALUE?? OR PARAME- TER??) OR TRAIN???()ALGORITHM??
S4	843211	SUBMODEL?? OR SUB()MODEL?? OR SUB()GROUP?? OR SUBGROUP?? OR CLUSTER??
S5	1363289	BOUNDAR??? OR ORTHOGONAL?()BOUNDAR??? OR BOUNDAR???()VALUE- ?? OR INTERAT???()BOUNDAR???
S6	9171	AU=(PETERS, J? OR PETERS J?)
S7	29	S6 AND S1
S8	0	S7 AND S2
S9	0	S1 AND S2 AND S3 AND S4 AND S5
S10	0	S1 AND S2 AND S3 AND S4
S11	20	S1 AND S2 AND S3
S12	15	RD (unique items).
S13	8	S12 NOT PY>2001
S14	54	S1 AND S2 AND S4
S15	36	RD (unique items)
S16	28	S15 NOT PY>2001
S17	28	S16 NOT S13



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 File 344:Chinese Patents Abs Aug 1985-2004/May  
 (c) 2004 European Patent Office  
 File 347:JAPIO Nov 1976-2004/Oct(Updated 050208)  
 (c) 2005 JPO & JAPIO  
 File 350:Derwent WPIX 1963-2005/UD,UM &UP=200510  
 (c) 2005 Thomson Derwent

Set	Items	Description
S1	2203	MAXIMUM()ENTROP??? OR MAX()ENTROP??? OR ENTROP??? OR MESM
S2	72517	SPEECH?? OR SPEECH??()MODEL??
S3	852	GENERALI?E??()ITERATIVE()SCAL??? OR GENERALI?E??()SCAL??? OR ITERATIVE()SCAL??? OR GIS OR ITERATIVE() (VALUE?? OR PARAME- TER??) OR TRAIN???()ALGORITHM??
S4	23008	SUBMODEL?? OR SUB()MODEL?? OR SUB()GROUP?? OR SUBGROUP?? OR CLUSTER??
S5	113888	BOUNDAR??? OR ORTHOGONAL?()BOUNDAR??? OR BOUNDAR???()VALUE- ?? OR INTERAT???()BOUNDAR???
S6	404	AU=(PETERS, J? OR PETERS J?)
S7	55156	IC=G10L?
S8	11	S6 AND S7
S9	7	S8 AND S1
S10	5	S9 AND S2
S11	0	S1 AND S2 AND S3 AND S4 AND S5
S12	0	S1 AND S2 AND S3 AND S4
S13	4	S1 AND S2 AND S3
S14	4	S13 AND S7
S15	1	S14 NOT PY>2001
S16	0	S15 NOT S10
S17	1	S1 AND S2 AND S4
S18	1	S17 NOT S10
S19	1	S18 NOT PY>2001
S20	37	S1 AND S4
S21	12	S20 NOT PY>2001
S22	11	S21 NOT (S19 OR S10)
S23	11	IDPAT (sorted in duplicate/non-duplicate order)
S24	11	IDPAT (primary/non-duplicate records only)
S25	0	S24 AND S7
S26	4	(MAXIMUM()ENTROP??? OR MAX()ENTROP???) AND S4
S27	0	S26 AND S7
S28	5	S1 AND S2 AND S5
S29	5	S28 AND S7
S30	1	S29 NOT PY>2001
S31	0	S30 NOT (S10 OR S19)

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File 348:EUROPEAN PATENTS 1978-2005/Feb W01  
(c) 2005 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20050203,UT=20050127  
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Set	Items	Description
S1	6115	MAXIMUM()ENTROP??? OR MAX()ENTROP??? OR ENTROP??? OR MESM
S2	30858	SPEECH?? OR SPEECH??()MODEL??
S3	2054	GENERALI?E??()ITERATIVE()SCAL??? OR GENERALI?E??()SCAL??? OR ITERATIVE()SCAL??? OR GIS OR ITERATIVE() (VALUE?? OR PARAME- TER??) OR TRAIN???()ALGORITHM??
S4	61955	SUBMODEL?? OR SUB()MODEL?? OR SUB()GROUP?? OR SUBGROUP?? OR CLUSTER??
S5	107413	BOUNDAR??? OR ORTHOGONAL?()BOUNDAR??? OR BOUNDAR???()VALUE- ?? OR INTERAT???()BOUNDAR???
S6	301	AU=(PETERS, J? OR PETERS J?)
S7	7576	IC=G10L?
S8	7	S6 AND S7
S9	5	S8 AND S1
S10	5	S9 AND S2
S11	0	S1(S)S2(S)S3(S)S4(S)S5
S12	0	S1(S)S2(S)S3(S)S4
S13	5	S1(S)S2(S)S3
S14	0	S13 NOT PY>2001
S15	109	S1(S)S4
S16	8	S15 AND S7
S17	7	S16 NOT PY>2001
S18	7	S17 NOT S10
S19	11	S1(S)S3
S20	5	S19 AND S7
S21	1	S20 NOT (S18 OR S10)